

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	99	trapezoid adj3 electrode	US-PGPUB; USPAT	OR	ON	2007/07/20 07:46
L6	19	5 and plasma and semiconductor and (wafer or substrate)	US-PGPUB; USPAT	OR	ON	2007/07/20 07:50
L7	80	5 not 6	US-PGPUB; USPAT	OR	ON	2007/07/20 07:51
S1	1	"20060185594"	US-PGPUB; USPAT	OR	ON	2007/06/11 16:16
S3	610	sekisui.as.	US-PGPUB; USPAT	OR	ON	2007/07/04 08:35
S5	67951	chemical.as.	US-PGPUB; USPAT	OR	ON	2007/05/09 08:34
S6	203	S3 and S5	US-PGPUB; USPAT	OR	ON	2007/05/09 08:34
S7	69930	sughrue.att.	US-PGPUB; USPAT	OR	ON	2007/05/09 09:38
S11	10	sughrue-mion.att.	US-PGPUB; USPAT	OR	ON	2007/05/09 09:41
S12	61420	"sughrue mion".att.	US-PGPUB; USPAT	OR	ON	2007/06/26 08:39
S13	4345	S12 and (plasma or CVD)	US-PGPUB; USPAT	OR	ON	2007/05/09 12:00
S17	3280	plasma adj3 electrodes	US-PGPUB; USPAT	OR	OFF	2007/05/09 15:12
S18	64	(pularity or multiple) with (plasma adj3 electrode)	US-PGPUB; USPAT	OR	ON	2007/05/09 15:42
S19	1	"4786352".pn.	US-PGPUB; USPAT	OR	ON	2007/05/09 15:44
S20	1	"5,464,499".pn.	US-PGPUB; USPAT	OR	ON	2007/05/09 16:54
S21	1	"5,269,881".pn.	US-PGPUB; USPAT	OR	ON	2007/05/09 15:45
S22	67	("4282077"   "4381965"   "4446560"   "4724296").PN. OR ("4887005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 16:46
S23	2	side adj by adj side	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 16:47
S25	840	side-by-side near3 electrode	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 16:48

## EAST Search History

S26	118	S25 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 16:48
S27	16	(side-by-side near3 electrode) same plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 17:12
S28	1	"6,118,218".pn.	US-PGPUB; USPAT	OR	ON	2007/05/09 16:54
S29	1037	(row near3 electrode) same plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 17:26
S30	201	(rows near3 electrodes) same plasma	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/09 17:18
S33	29	S29 and (plasma with processing) and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 17:23
S34	26	(row near3 electrode) same plasma and coating and (plasma with source)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 08:46
S35	3409	(118/715).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 16:20
S36	25010	("269").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 16:20
S37	104	(206/832).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 16:21
S38	644	(414/935).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 16:21
S39	563	(206/710,711,712).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 16:27
S40	8476	((CVD adj vertical adj reactor) or (bell adj jar) or furnace) and (((substrate or wafer) adj holder) or boat)	US-PGPUB; USPAT	OR	ON	2007/06/11 16:28
S41	29573	S35 S36 S37 S38 S39	US-PGPUB; USPAT	OR	ON	2007/06/11 16:28
S42	336	S40 and S41	US-PGPUB; USPAT	OR	ON	2007/06/11 16:55
S43	1	"1725086"	EPO	OR	ON	2007/06/24 10:07
S46	1	"20070000867"	US-PGPUB	OR	ON	2007/06/24 10:13
S47	1	"20060199014"	US-PGPUB	OR	ON	2007/06/24 10:40
S48	1	"1631128"	EPO	OR	ON	2007/06/24 10:48
S49	1	"20070002515"	US-PGPUB	OR	ON	2007/06/24 10:56
S51	1	"20060096539"	US-PGPUB	OR	ON	2007/06/24 11:05

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S53	1	"20050208215"	US-PGPUB	OR	ON	2007/06/24 11:09
S54	1	"20030232136"	US-PGPUB	OR	ON	2007/06/24 11:18
S55	4	"6759100"	US-PGPUB; USPAT	OR	ON	2007/06/24 11:20
S56	1	"20020063537"	US-PGPUB; USPAT	OR	ON	2007/06/24 11:30
S57	3	"1739732"	US-PGPUB; USPAT; EPO	OR	ON	2007/06/24 11:42
S58	1	"20070000867"	US-PGPUB; USPAT	OR	ON	2007/06/25 10:49
S59	1	"20050208215"	US-PGPUB; USPAT	OR	ON	2007/06/25 10:56
S60	1	"20060096539"	US-PGPUB; USPAT	OR	ON	2007/06/25 13:40
S65	2	jp-2002158219-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 13:44
S70	2	jp-07316824-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 13:50
S71	2	jp-2004167315-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 14:08
S72	2	jp-2003257953-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 14:10
S73	2	jp-2001102199-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 14:15
S74	2	jp-07226395-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:42
S75	1	("6489585").PN.	USPAT	OR	OFF	2007/06/25 14:22
S76	7	("4203810"   "4487880"   "4863756"   "5185132"   "5372648"   "5651867"   "6025094").PN. OR ("6489585").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/25 14:23
S77	30	("3959104"   "4013532"   "4224897"   "4233109"   "4365587"   "4642171"   "4992299").PN. OR ("5185132").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/25 14:43
S78	44	("3291711"   "3397136"   "3409537"   "3600122"   "4024038"   "4057723"   "4145386").PN. OR ("4298440").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/25 15:09
S79	48	("3961103"   "4123663").PN. OR ("4233109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/25 16:01
S80	2	jp-05059198-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:44

## EAST Search History

S81	2	jp-2002332572-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:46
S82	1	jp-11512651-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:47
S83	2	jp-2002315171-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:48
S84	2	jp-2003086393-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:48
S85	2	jp-11060759-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:49
S86	2	jp-2002517914-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:51
S89	1	jp-02188783-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:52
S90	2	jp-07153702-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:53
S91	2	jp-2002305070-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 16:55
S92	10	jp-2003100646-\$.did. or jp-2003093869-\$.did. or jp-11106531-\$.did. or jp-09213497-\$.did. or jp-2002080970-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 17:02
S93	31	jp-03219082-\$.did. or jp-2000178744-\$.did. or jp-07029827-\$.did. or jp-2003249492-\$.did. or jp-09059777-\$.did. or jp-08279505-\$.did. or jp-2002151507-\$.did. or jp-05166595-\$.did. or jp-2002324795-\$.did. or jp-2002155370-\$.did. or jp-2003309117-\$.did. or jp-2003080058-\$.did. or jp-62294778-\$.did. or jp-2000109979-\$.did. or jp-2002274814-\$.did. or jp-2003257953-\$.did.	JPO; DERWENT	OR	ON	2007/06/25 17:55
S94	1	("6217714").PN.	USPAT	OR	OFF	2007/06/25 17:40
S95	1	"20070123041"	US-PGPUB; USPAT	OR	ON	2007/06/25 17:40

## EAST Search History

S96	20	jp-2003203800-\$.did. or jp-05059198-\$.did. or jp-2005285520-\$.did. or jp-2002155371-\$.did. or jp-10226886-\$.did. or jp-2002094221-\$.did. or jp-2003092292-\$.did. or jp-2001274101-\$.did. or jp-2003188104-\$.did. or jp-08222548-\$.did.	JPO; DERWENT	OR	ON	2007/06/26 07:45
S97	3	jp-2001293079-\$.did. or jp-09199261-\$.did.	JPO; DERWENT	OR	ON	2007/06/26 08:06
S98	1	("5483117").PN.	USPAT	OR	OFF	2007/06/26 08:23
S99	1	("20030232136").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/26 08:37
S10 0	1	us-6759100-\$.did.	DERWENT	OR	ON	2007/06/26 09:05
S10 1	2	"20040213920"	US-PGPUB; USPAT	OR	ON	2007/06/26 08:41
S10 2	618	sekisui.as.	US-PGPUB; USPAT	OR	ON	2007/06/26 08:56
S10 3	68263	chemical.as.	US-PGPUB; USPAT	OR	ON	2007/06/26 08:43
S10 4	210	S102 and S103	US-PGPUB; USPAT	OR	ON	2007/06/26 08:43
S10 5	53	(plasma adj treating).ti.	US-PGPUB; USPAT	OR	ON	2007/06/26 08:56
S10 6	0	S105 and S102	US-PGPUB; USPAT	OR	ON	2007/06/26 08:56
S10 7	5988	KONICA.as.	US-PGPUB; USPAT	OR	ON	2007/06/26 09:14
S10 8	760102	corporation.as.	US-PGPUB; USPAT	OR	ON	2007/06/26 09:06
S10 9	3493	S107 and S108	US-PGPUB; USPAT	OR	ON	2007/06/26 09:06
S11 0	159	plasma and electrode and S109	US-PGPUB; USPAT	OR	ON	2007/06/26 09:40
S11 1	7	("5272554" "5621832" "5682402" "6219188" "5343115" "5537666" "5587335").PN.	US-PGPUB; USPAT	OR	ON	2007/06/26 09:15
S11 2	1520	(118/723e).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/26 09:40
S11 3	374	(156/345.43).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/26 09:40
S11 5	374	(156/345.43).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/28 15:10

## EAST Search History

S11 6	1521	(118/723E).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/28 08:34
S11 7	55	("3347772"   "3471396"   "3525680"   "3616405"   "3653766"   "3767551"   "4129839"   "4254386"   "4282077"   "4310814"   "4337415"   "4351714"   "4381965"   "4482246"   "4609808"   "4611108"   "4664890"   "4704301"   "4724296"   "4887005"   "4930035"   "5006760"   "5077499"   "5111024"   "5111111"   "5128602"   "5140223"   "5180949"   "5210466"   "5262610"   "5433813"   "5556501"   "5565738").PN. OR ("5733511"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 12:11
S11 8	1	("20050005948").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 15:10
S11 9	69	("20010031234"   "20020020691"   "20020036461"   "20020076369"   "20020076370"   "20020153241"   "20020195950"   "20030015415"   "20030052096"   "20030072675"   "20030098230"   "20030106788"   "20030116541"   "20030129107"   "20030132100"   "20030155332"   "20040011764"   "20040022945"   "20040037756"   "20040045806"   "20040050685"   "20040052028"   "20040112537"   "20040134890"   "20040148860"   "20040185396"   "20040195088"   "20040231926"   "20040238124"   "5099100"   "5133986"   "5200158"   "5225659"   "5236672"   "5262125"   "5286532"   "5292396"   "5414324"   "5451428"   "5573732"   "5633424"   "5686789"   "5700327"   "5741460"   "5876663"   "5895558"   "5897831"   "5935330"   "5939829"   "5965093"   "6059935"   "6072273"   "6105589"   "6174500"   "6204605"   "6342187"   "6346770"   "6403029"   "6482369"   "6518692"   "6528022"   "6610257"   "6624413"   "6645441"   "6652816"   "6667007"   "6692704"   "6724608"   "6784424").PN. OR ("7094314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 15:19

## EAST Search History

S12 0	4	("20020064597" "20030106788" "20040115402" "6538387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/28 15:22
S12 1	2	("6777880" "6827870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/29 06:54
S12 2	10	semiconductor-energy-laboratory. as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/29 07:02
S12 3	1	("7160762").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/29 07:05
S12 4	1	("6960498").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/29 07:07
S12 5	1	10/607542	US-PGPUB; USPAT	OR	ON	2007/06/29 07:11
S12 6	249	NAKAMURA-OSAMU.in.	US-PGPUB; USPAT	OR	ON	2007/06/29 07:15
S12 7	171	S126 and (semiconductor or wafer or substrate)	US-PGPUB; USPAT	OR	ON	2007/06/29 07:29
S12 8	66	(pularity or multiple) with (plasma adj3 electrode)	US-PGPUB; USPAT	OR	ON	2007/06/29 09:33
S12 9	23183	(pularity or multiple or first or second or third) with (plasma and electrode)	US-PGPUB; USPAT	OR	ON	2007/06/29 09:01
S13 0	65342	(inlet entry flow enter) same (between intermediate through) near3 electrode	US-PGPUB; USPAT	OR	ON	2007/06/29 08:27
S13 1	41041	(inlet entry flow enter) with (between intermediate through) near3 electrode	US-PGPUB; USPAT	OR	ON	2007/06/29 08:28
S13 2	4079	(gas near3 (inlet entry flow enter)) with ((between intermediate through) near3 electrode)	US-PGPUB; USPAT	OR	ON	2007/06/29 08:29
S13 3	1415	S132 and plasma and (semiconductor or wafer or substrate)	US-PGPUB; USPAT	OR	ON	2007/06/29 08:29
S13 4	742	S129 and S133	US-PGPUB; USPAT	OR	ON	2007/06/29 09:01
S13 5	9	(pularity or multiple) with (plasma adj3 electrode)	JPO	OR	ON	2007/06/29 09:50
S13 6	21	(rows or columns) with (plasma adj3 electrode)	JPO	OR	ON	2007/06/29 09:50

## EAST Search History

S13 7	74	(("20020007793") or ("20020008480") or ("20020092616") or ("20020100556") or ("20020122896") or ("20020148816") or ("20020170676") or ("20020195950") or ("20030015505") or ("20030019580") or ("20030038112") or ("20030052085") or ("20030052096") or ("20030070760") or ("20030079983") or ("20030103877") or ("20030137251") or ("20030155332") or ("20030201162") or ("3449705") or ("4292153") or ("4474659") or ("4601807") or ("4652723") or ("4806455") or ("4885074") or ("5006220") or ("5022979") or ("5061359") or ("5084126") or ("5106687") or ("5221427") or ("5236512") or ("5369336") or ("5387842") or ("5397420") or ("5403453") or ("5543688") or ("5549780") or ("5652029") or ("5671045") or ("5672208") or ("5874361") or ("5884412") or ("5914568") or ("5936352") or ("5938854") or ("5961772") or ("6005349") or ("6042686") or ("6077357") or ("6081329") or ("6136139") or ("6136213") or ("6155199") or ("6159388") or ("6164241") or ("6189485") or ("6194036") or ("6200388") or ("6221268") or ("6227140") or ("6239403") or ("6244211") or ("6262523") or ("6267840") or ("6273958") or ("6281469") or ("6333079") or ("6353201") or ("6406590") or ("6435130") or ("6444087") or ("6632323")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/04 08:37
S13 8	1	(("0975016") or ("1004401") or ("0188207") or ("0331718") or ("0428161") or ("0539948") or ("0593311")).PN.	EPO	OR	OFF	2007/07/04 08:38
S13 9	1	(("0975016") or ("1004401") or ("0188207") or ("0331718") or ("0428161") or ("0539948") or ("0593311")).PN.	EPO	OR	OFF	2007/07/04 08:38



## EAST Search History

S14 0	1	((("0975016") or ("1004401") or ("0188207") or ("0331718") or ("0428161") or ("0539948") or ("0593311"))).PN.	EPO	OR	OFF	2007/07/04 08:39
S14 4	26	JP-01230782-\$.DID. or JP-03292731-\$.DID. or JP-04242924-\$.DID. or JP-06061153-\$.DID. or JP-06075676-\$.DID. or JP-07147242-\$.DID. or JP-07161688-\$.DID. or JP-09027482-\$.DID. or JP-09181048-\$.DID. or JP-09285528-\$.DID. or JP-10074748-\$.DID. or JP-59151428-\$.DID. or JP-60202929-\$.DID. or JP-61226920-\$.DID. or JP-62273731-\$.DID. or JP-2000003878-\$.DID. or JP-2000036488-\$.DID. or JP-2000068256-\$.DID. or JP-2000124189-\$.DID. or JP-2000124189-\$.DID. or JP-2000124193-\$.DID. or JP-2000174004-\$.DID. or JP-2000183044-\$.DID. or JP-2000208487-\$.DID. or JP-2000232097-\$.DID. or JP-2000232097-\$.DID. or JP-2000277599-\$.DID. or JP-2002359232-\$.DID. or JP-2002359232-\$.DID.	JPO	OR	ON	2007/07/04 08:55
S14 6	4	WO-200152302-\$.did. or WO-200173814-\$.did. or WO-200176326-\$.did. or WO-200207184-\$.did. or WO-3056602-\$.did. or WO-199702589-\$.did.	DERWENT	OR	ON	2007/07/04 09:01
S14 7	1	WO-3056602-\$.did. or WO-9702589-\$.did.	DERWENT	OR	ON	2007/07/04 09:02
S14 8	1	Jp-03292731-\$.did.	DERWENT	OR	ON	2007/07/05 06:27
S14 9	2	((("6074518") or ("4626899"))).PN.	USPAT	OR	OFF	2007/07/05 06:28